

lacZ  
**FIGURE 1 (Prior Art)**

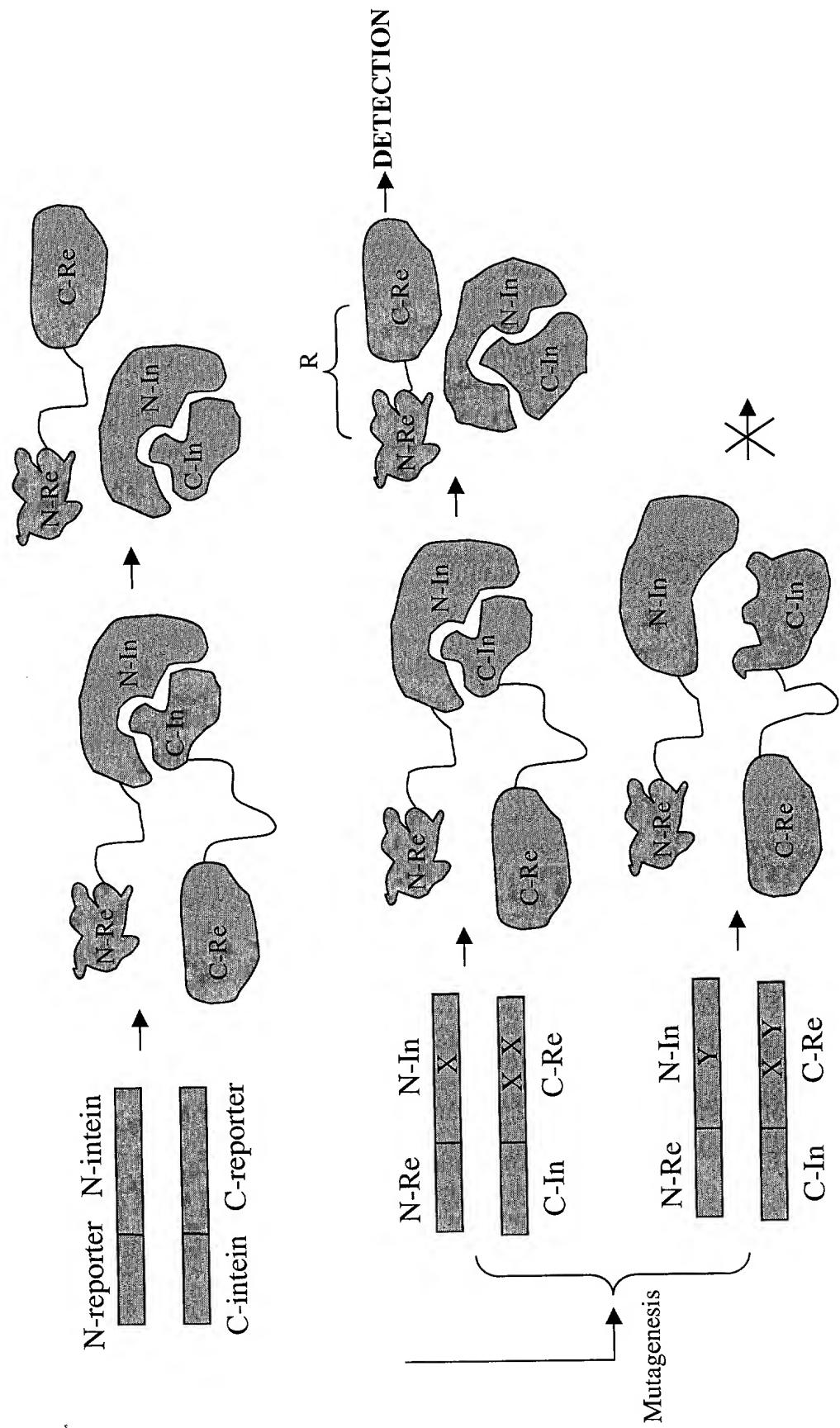


Figure 2A Selecting Non-interacting N-intein & C-intein

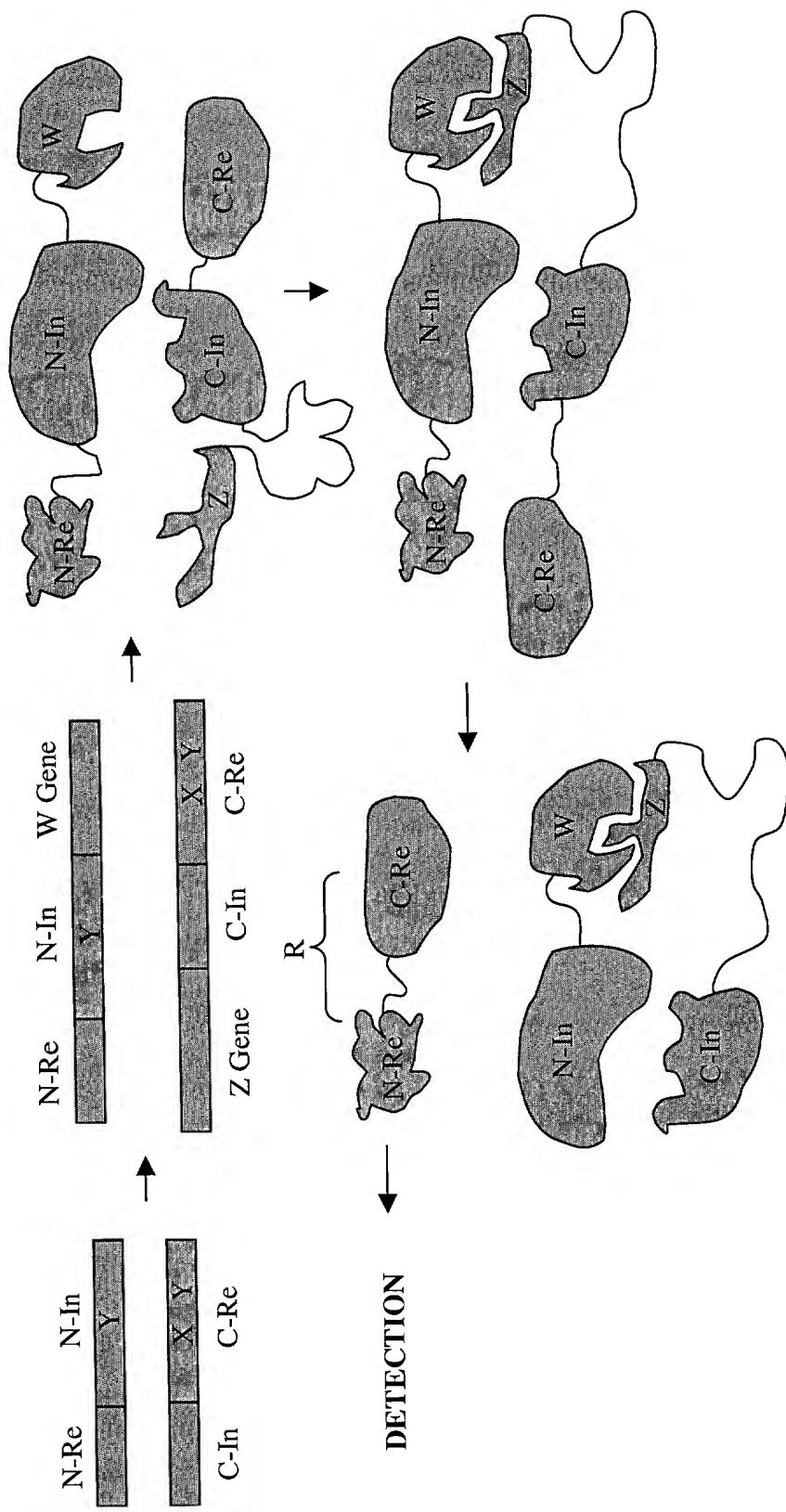


Figure 2B Verifying That the Selected Non-interacting N-intein & C-intein Are Capable of Mediating Protein Splicing

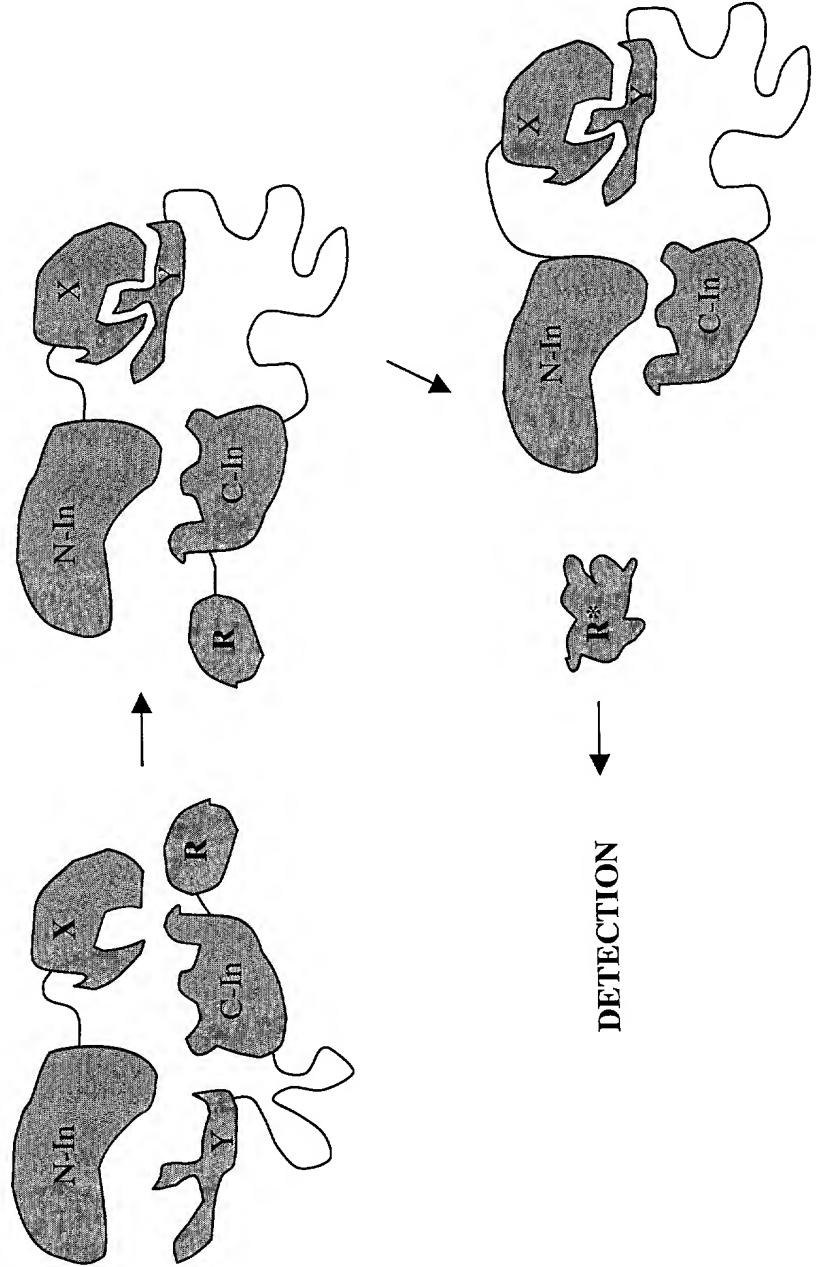


Figure 3A

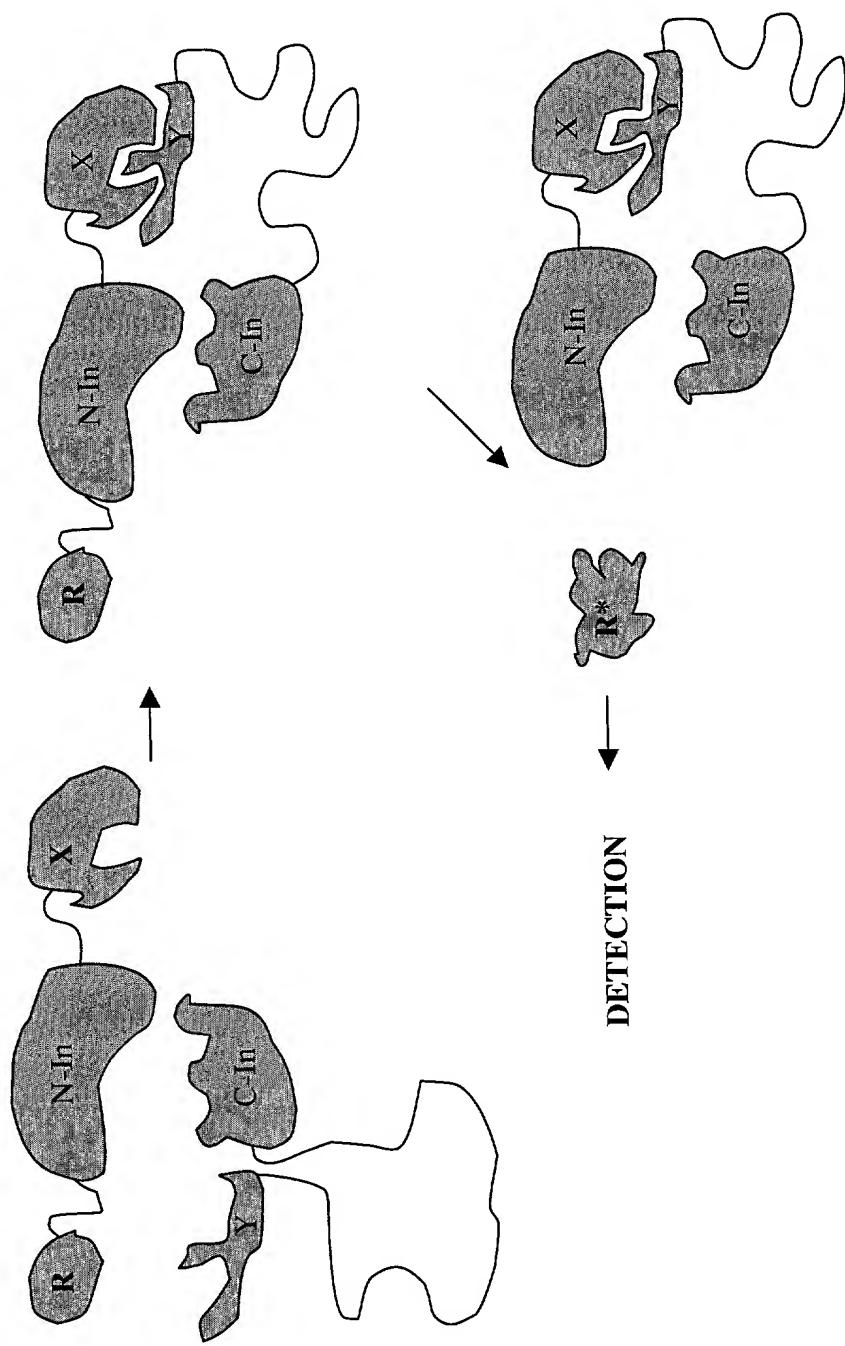


Figure 3B

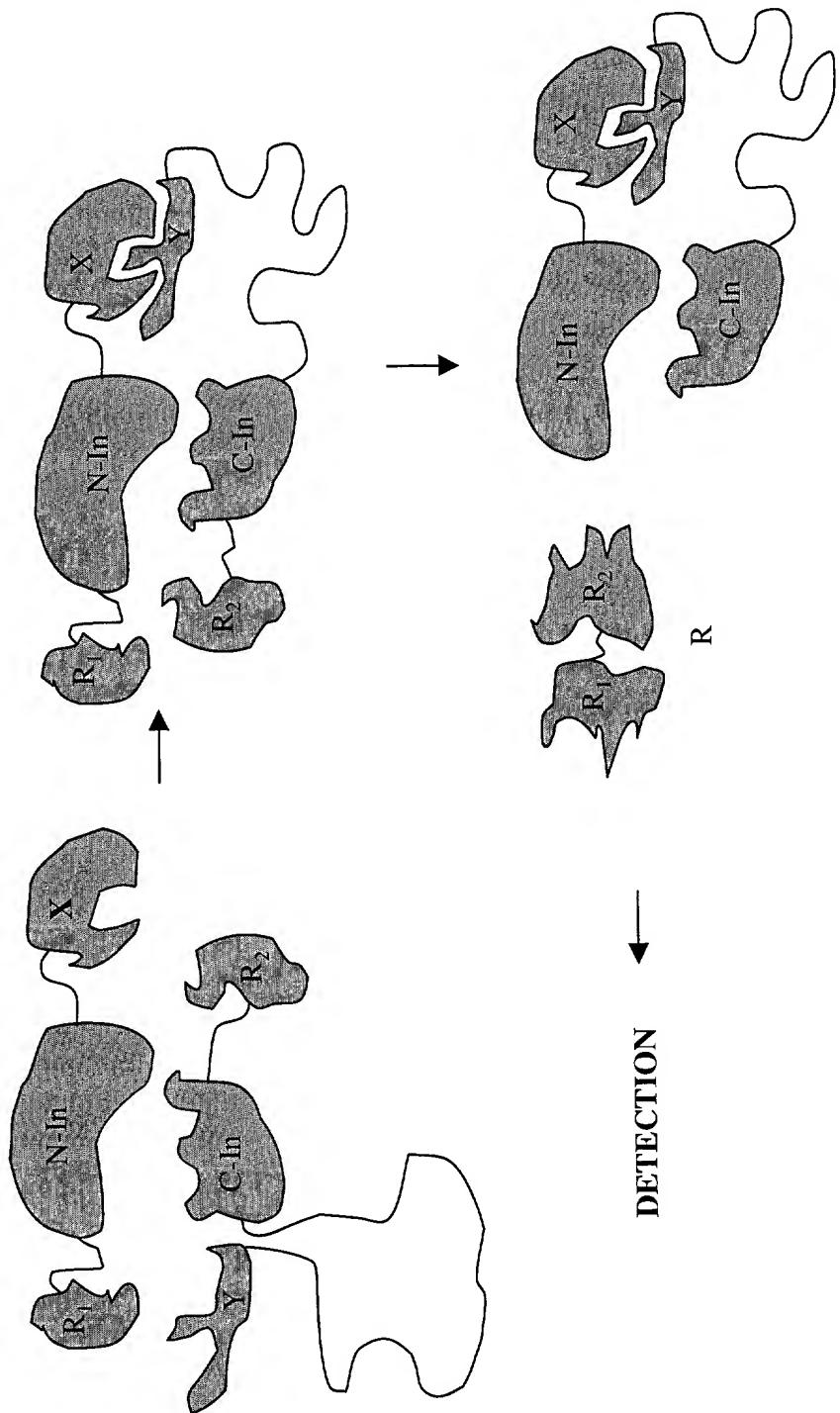


Figure 3C

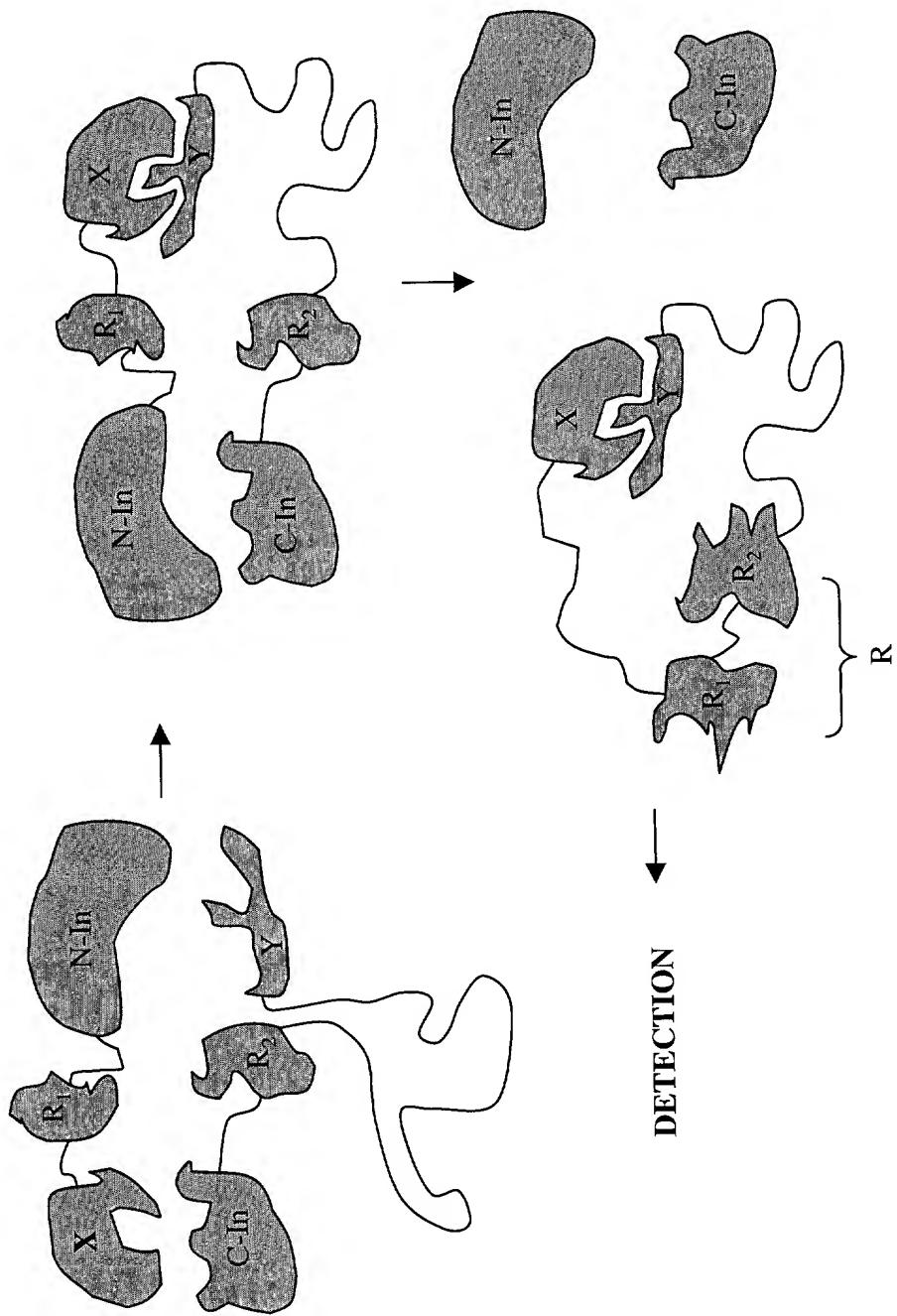


Figure 3D

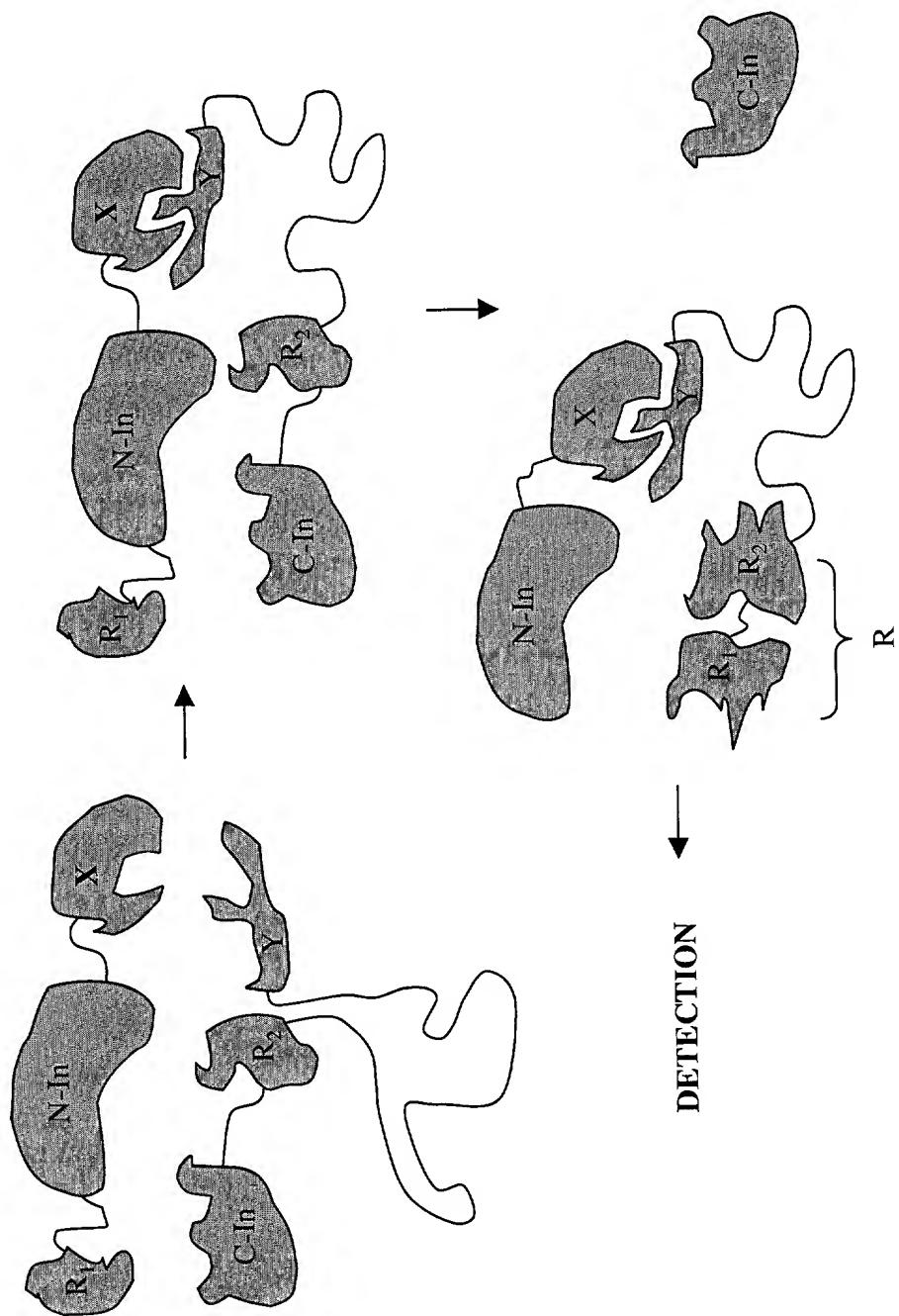


Figure 3E

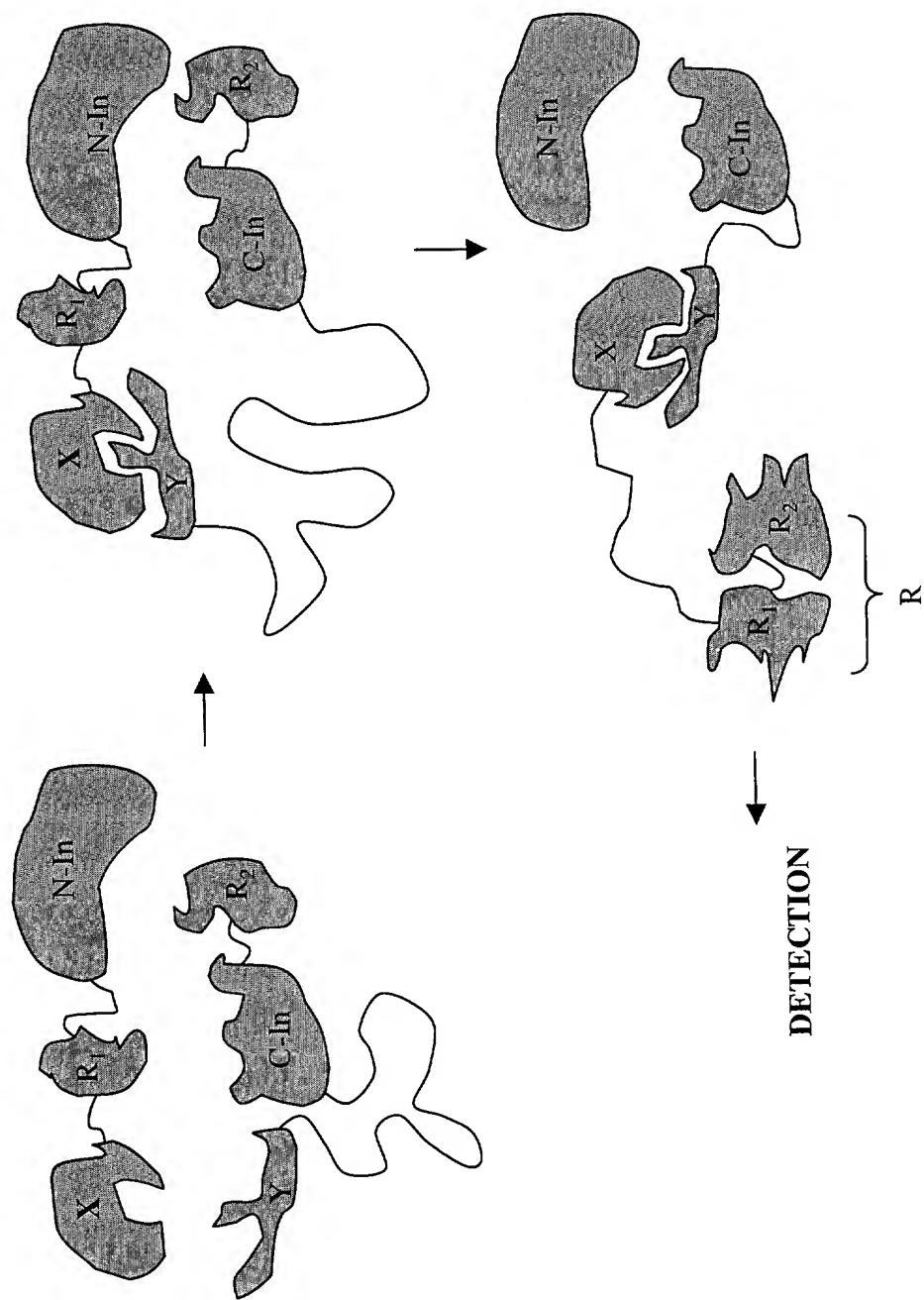


Figure 3F

5'-*URA3* N-In X Gene

Y Gene 3'-*URA3*

Chimeric Genes

Expression in *Ura<sup>-</sup>* Yeast Cells

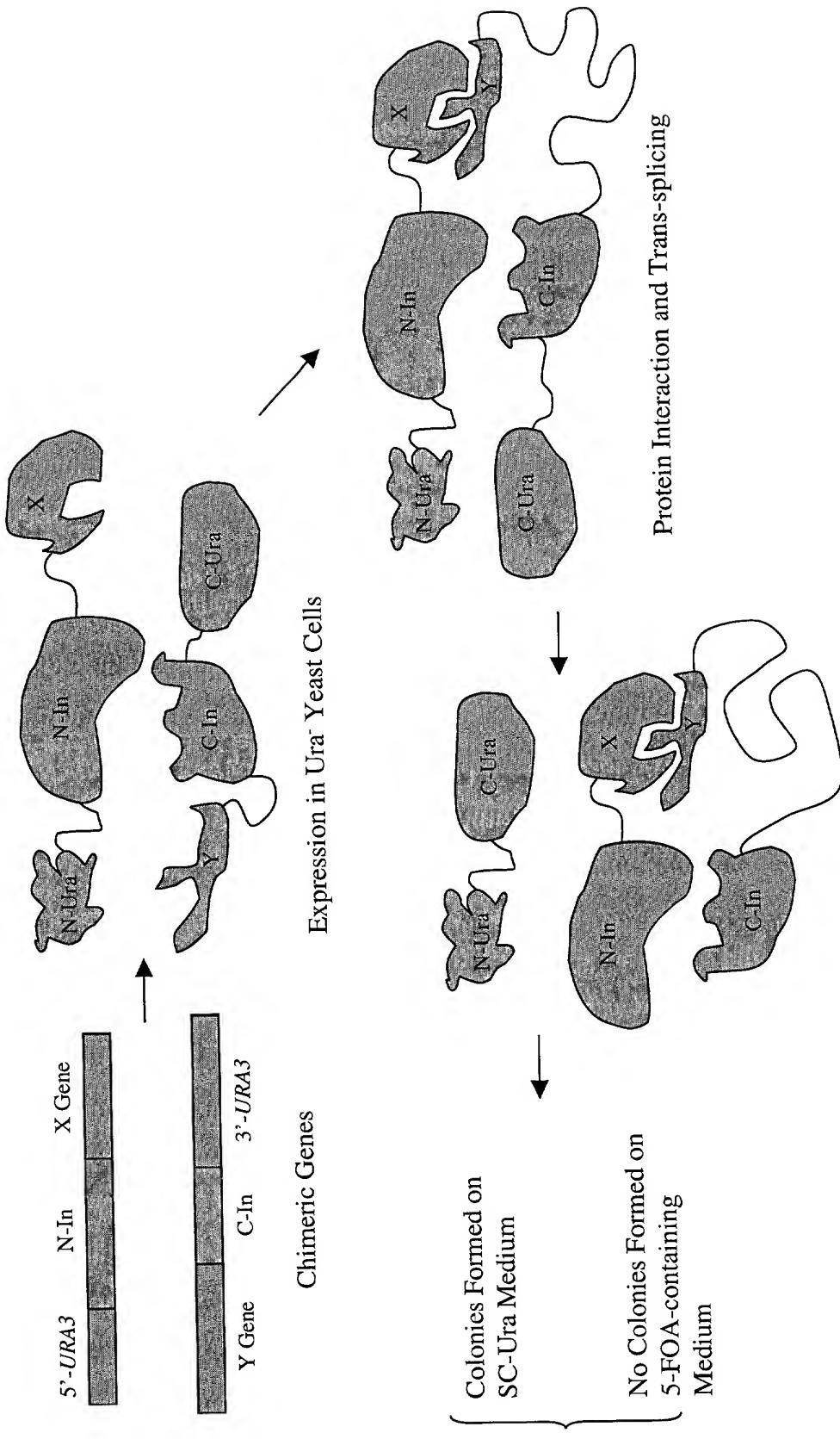


Figure 4

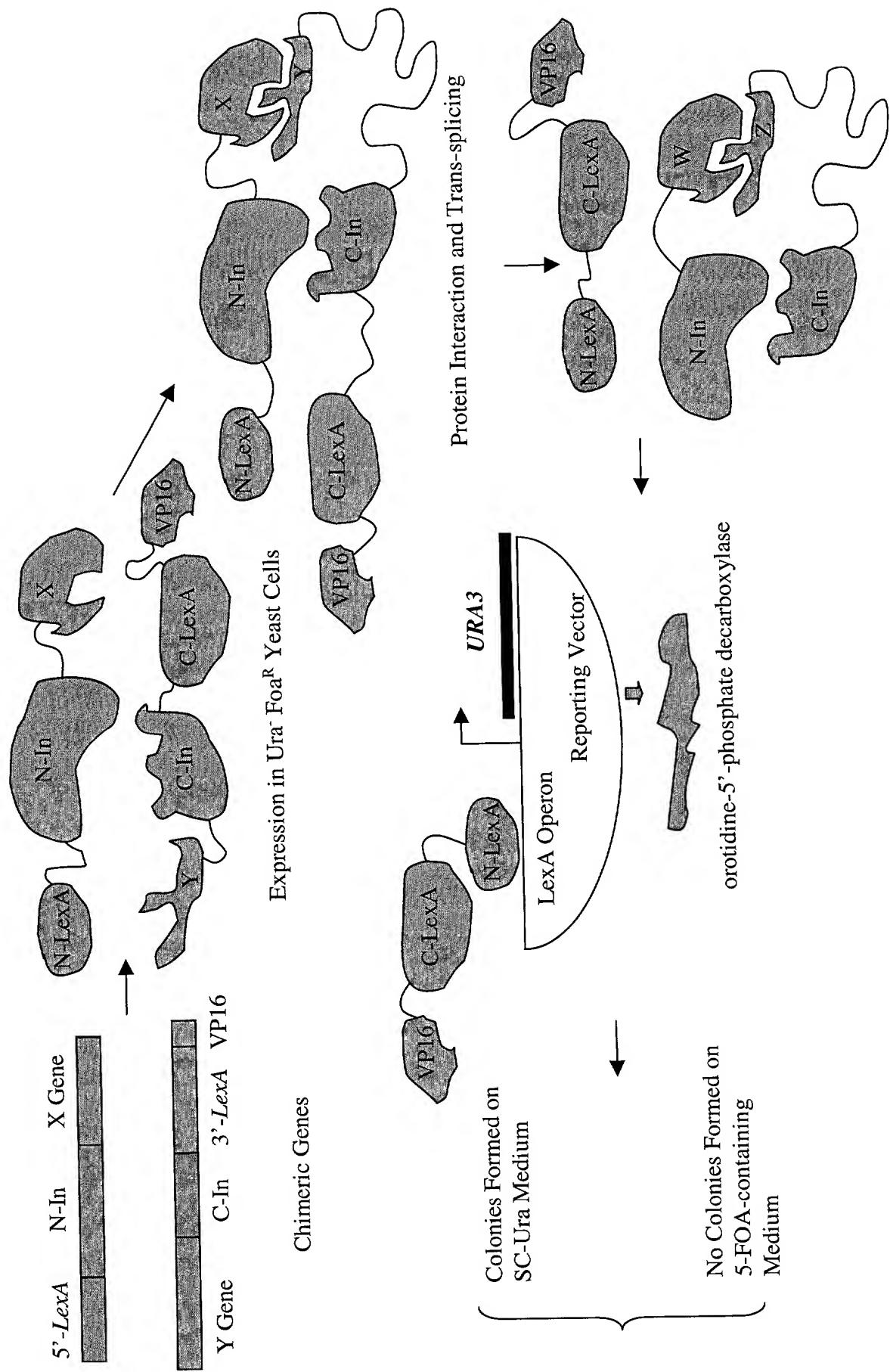


Figure 5

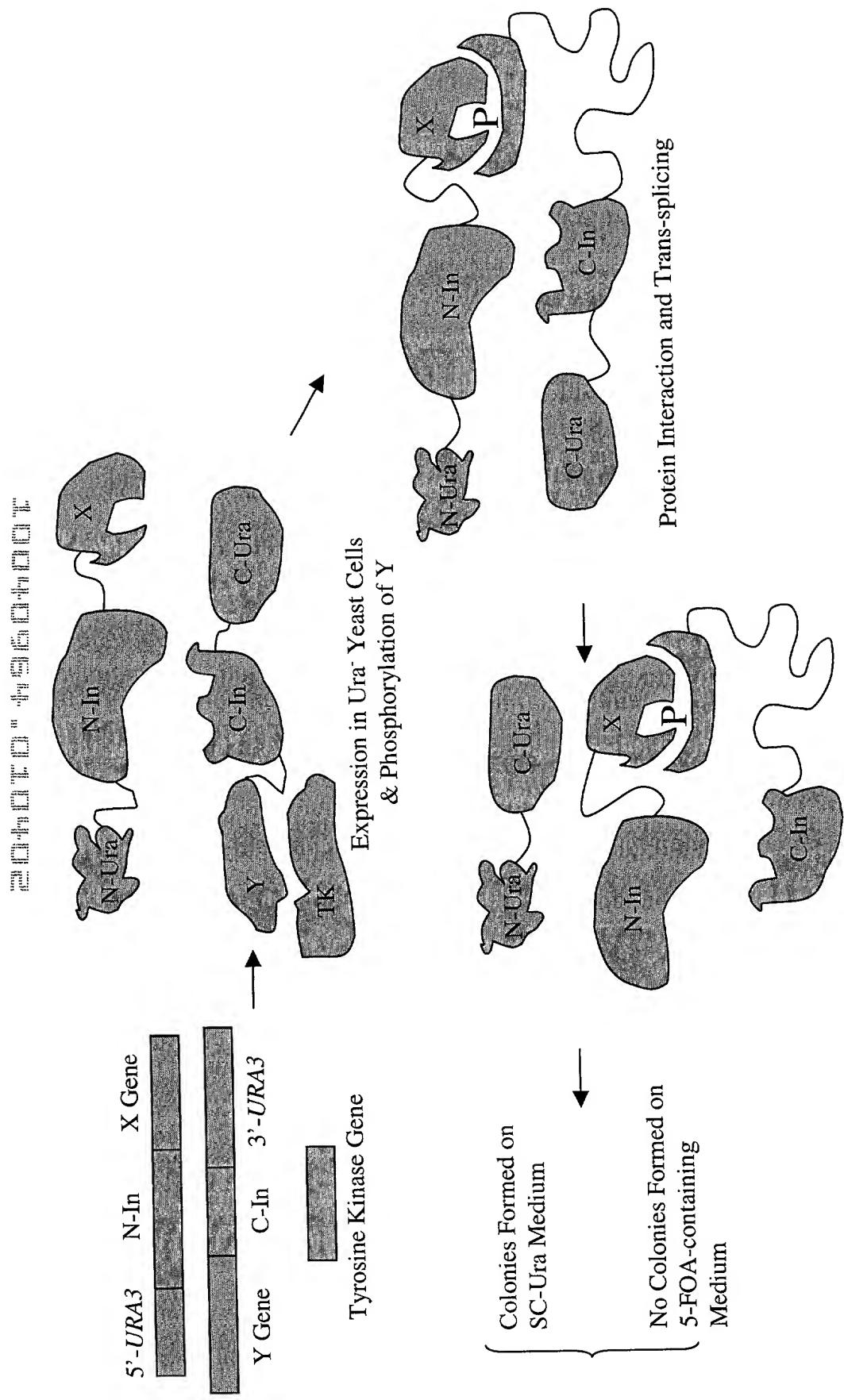


Figure 6 Intein-Based Multi-Hybrid System

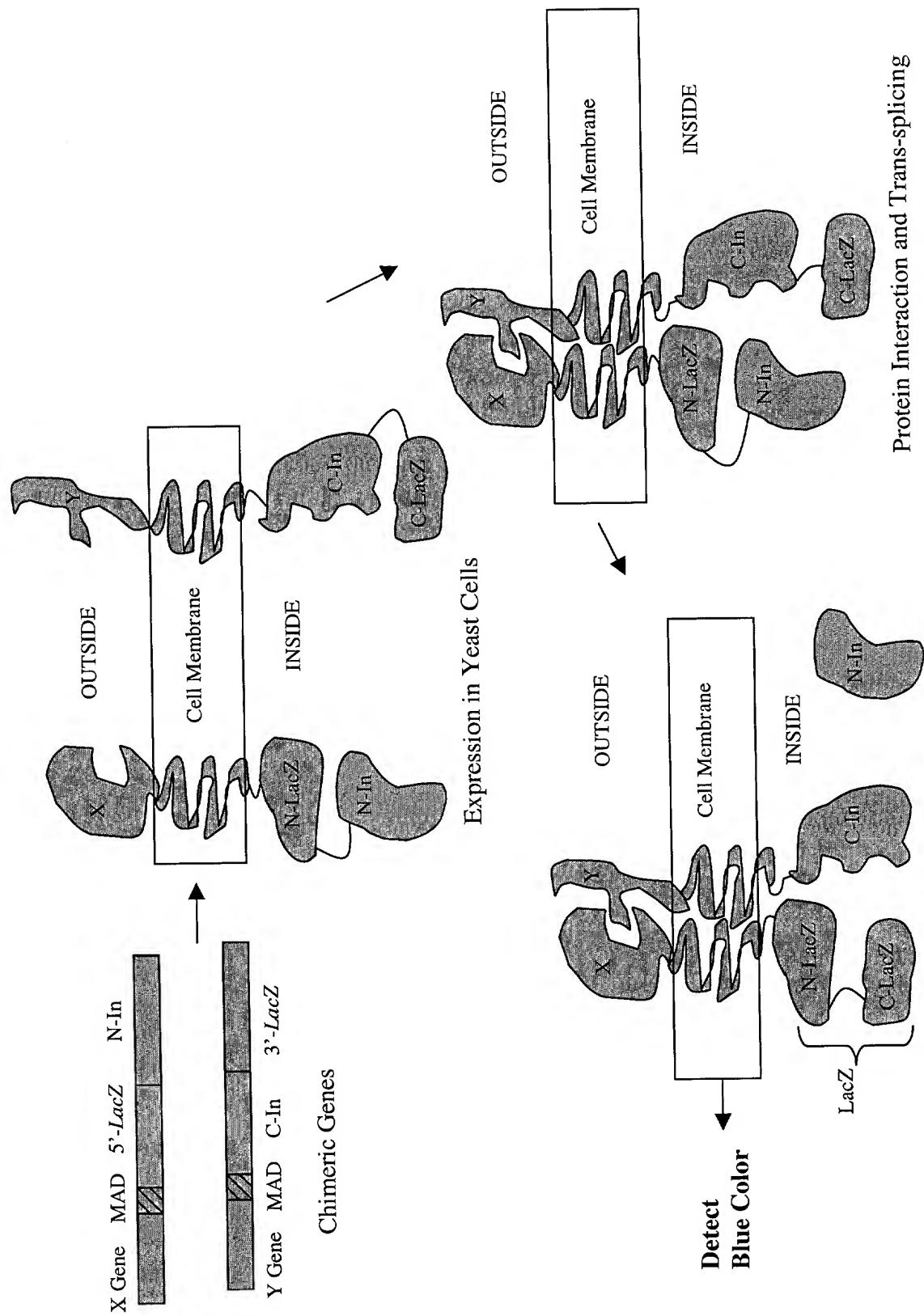


Figure 7 Detecting Extracellular Protein-Protein Interaction

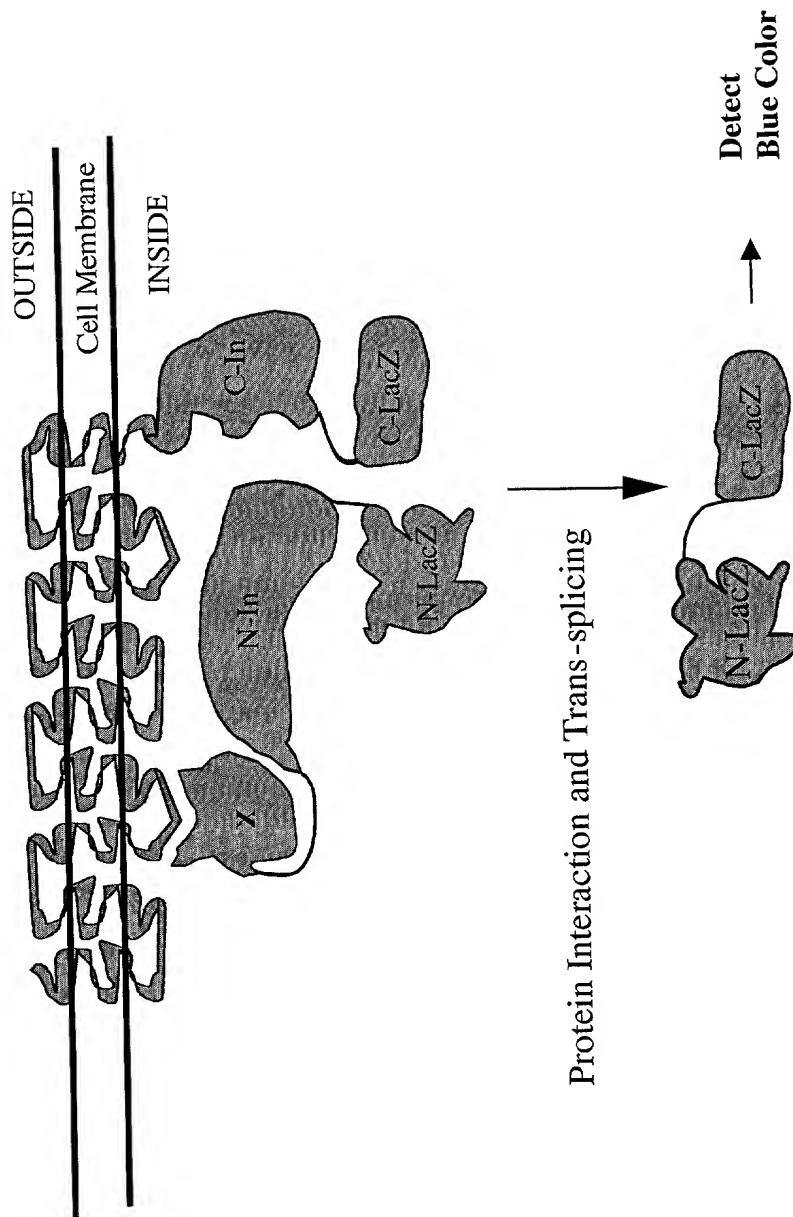
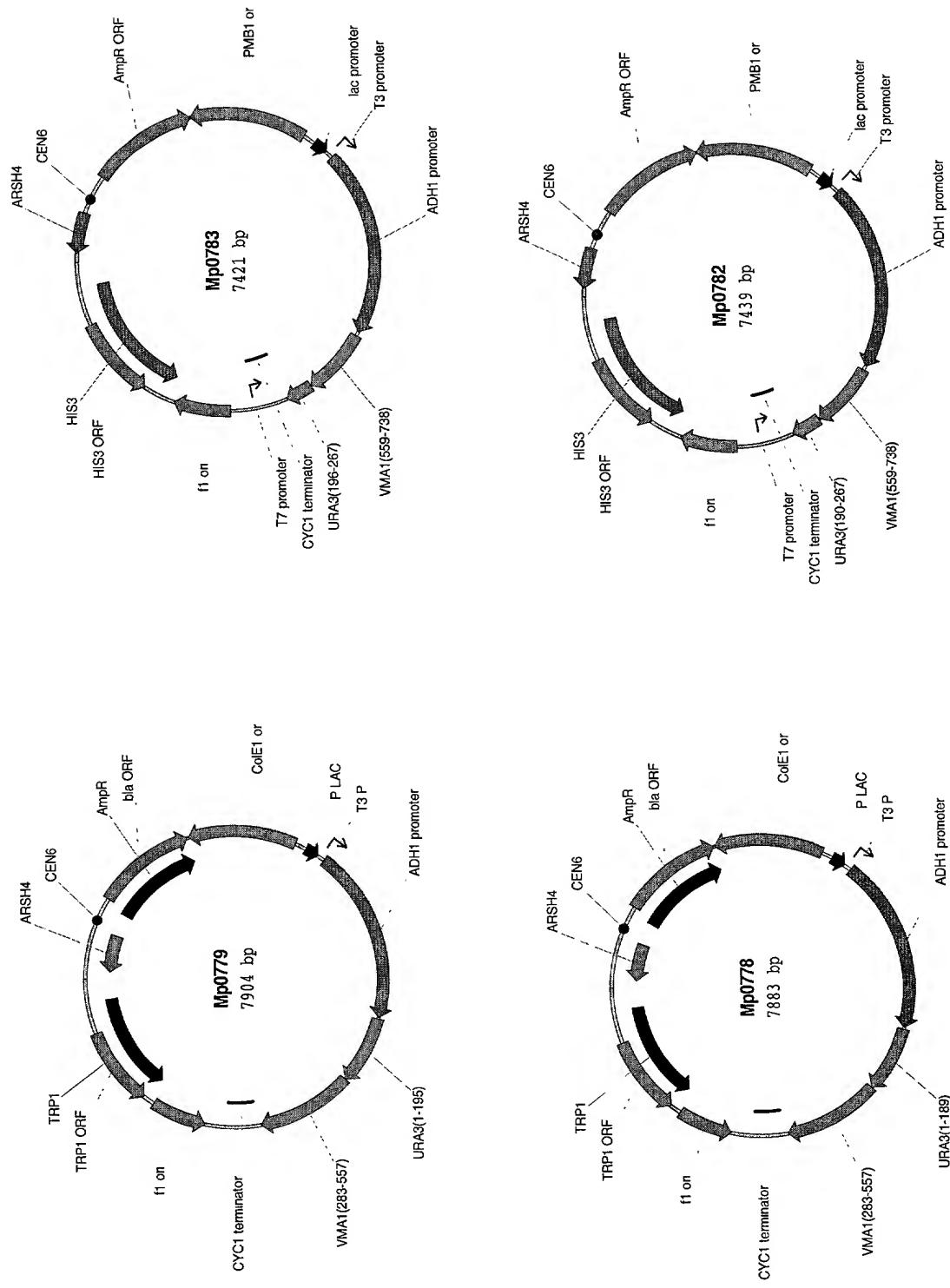


Figure 8 Detecting Interaction between Intracellular and Membrane Proteins



**Figure 9**

Vector system: Mp778 / Mp782 Mp779 / Mp783  
Ura3p fragments: 1-189 / 190-267 1-195 / 196-267

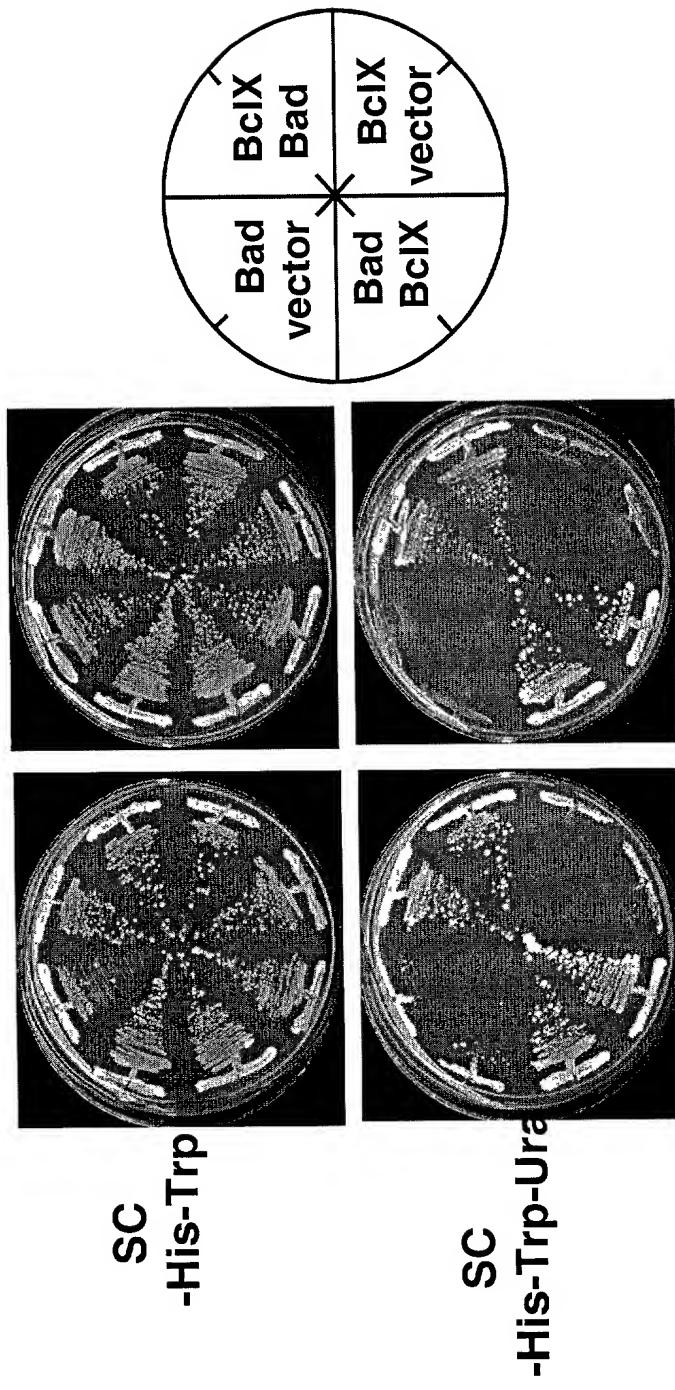


Figure 10

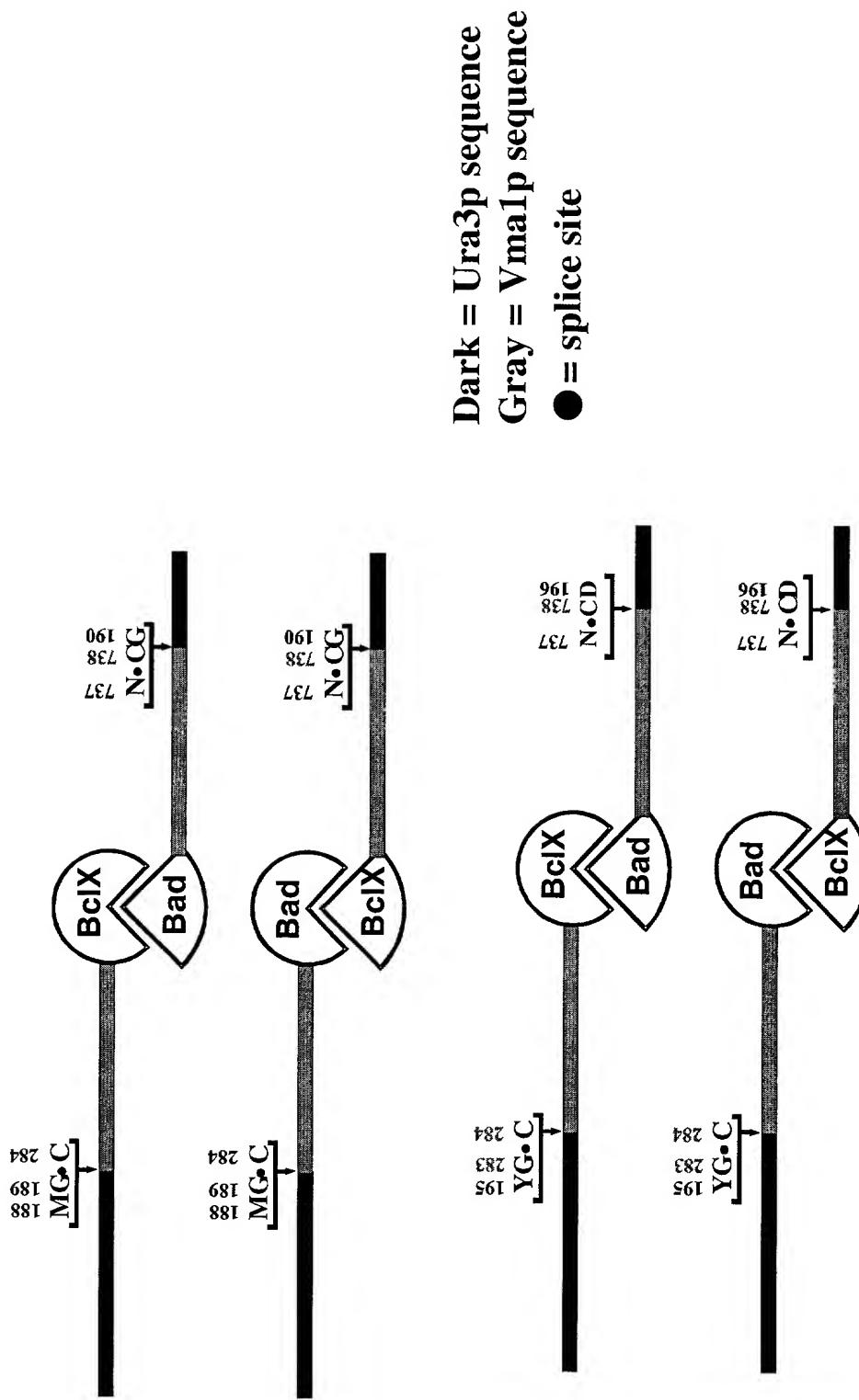


Figure 11